CLAIMS

1. A valve assembly comprising:

a replacement valve; and

a spring-aided anchoring structure comprising a plurality of members and a plurality of springs therebetween.

- 2. The valve assembly of claim 1, wherein said valve is positioned internally to said anchoring structure.
- 3. The valve assembly of claim 2, wherein said valve comprises an inflow annulus, an outflow annulus, and a plurality of leaflets.
 - 4. The valve assembly of claim 3, wherein said inflow annulus is scalloped.
- 5. The valve assembly of claim 1, wherein said members comprise peaks for the attachment of said valve and valleys for lodging the anchoring structure at a location near a sinus inflow annulus.
- 6. The valve assembly of claim 5, further comprising a plurality of anchoring sections.